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| Substitute for form 1449A/PTO | | Complete if Known | | |
| | | Application Number | 10/676,845 | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | Filing Date | September 30, 2003 | |
| | | First Named Inventor | Eran Steinberg | |
| | | Art Unit | 2624 | |
| | | Examiner Name | Yosef Kassa | |
| Sheet | 1 | of | 2 | Attorney Docket Number |
| FN104-F | | | | |

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. § 1.56(a) and 37 C.F.R. § 1.97, Applicant(s) hereby make of record the references listed on the accompanying form, SB/08A and/or SB/08b for consideration by the Examiner in connection with the examination of the above-identified patent application.

This Information Disclosure Statement:

- (a) accompanies a new patent application submitted herewith.
- (b) is filed within three (3) months of the Filing Date or before the mailing date of a First Office Action on the merits; **OR**
- (c) is filed after the first Office Action and more than three months after the application's filing date or PCT national stage date of entry filing but, as far as is known to the undersigned prior to the mailing date of either a final rejection or a notice of allowance, and is accompanied by either the fee (\$180) set forth in 37 CFR § 1.17(p) or a certification as specified in 37 CFR § 1.97(e), as checked below **OR**
- (d) is filed after the mailing date of either a final rejection or a notice of allowance, and the issue fee has not been paid, and is accompanied by the requisite petition fee (\$130) set forth in 37 CFR § 1.17(l)(1) and a certification as specified in 37 CFR § 1.97(e), as checked below.
This document is to be considered as a petition requesting consideration of the information disclosure statement.

As required under § 1.97(e), Applicants, through the undersigned, hereby state either that [check the appropriate space]:

- (e) Each item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of the Information Disclosure Statement; or
- (f) No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

This application is related to a family of patent applications filed on the September 30, 2003, including 2005/0068450, 2005/0068451, 2005/0068452, 2005/0078173, 2005/0068446, 2005/0068448, 2005/0068445, 2005/0068447, 2005/0068449, and 2007/0122056 and PCT Application No. PCT/2007/061964 filed on February 10, 2007 and February 11, 2007, respectively, which are also incorporated by reference, as is US patent 6,035,072.

Each item of information listed in the attached FORM PTO/SB/08a and/or SB/08b may be material to the examination of the above-identified application and is, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR 1.56, 1.97 and 1.98. The Examiner is requested to make these items of official record in this application.

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Pursuant to notice entitled "Information Disclosure Statements May Be Filed Without Copies Of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003," Off. Gaz. Pat. Office 55 (August 5, 2003), no copies of U.S. Patents and U.S. Published Patent Applications are being supplied with this Information Disclosure Statement.

This Information Disclosure Statement under 37 CFR 1.56, 1.97 and 1.98 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these items constitutes prior art.

If this statement crosses in the mail with an office action, or is otherwise not in the indicated category of 37 C.F.R. 1.97, it is respectfully requested that this statement be treated in the next appropriate category and made of record. To the extent required, please treat this submission as a conditional petition for acceptance of the information disclosure statement.

The Commissioner is authorized to charge any deficiencies and credit any overpayment of fees to our Deposit Account No. 50-2019.

Respectfully submitted,

Date: July 16, 2007

Jackson & Co., LLP

/Andrew Vernon Smith/

By: Andrew V. Smith
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CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent Office, number 1-571-273-8300, or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope, or filed electronically and addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

July 16, 2007

/Gerardo Ubau/

Date

Gerardo Ubau

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| U. S. PATENT DOCUMENTS | | | | | |
|-------------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | US- 3,541,941 | 11-24-1970 | Barr et al. | |
| | | US- 3,621,136 | 11-16-1971 | Stanwood | |
| | | US- 4,186,301 | 01-29-1980 | Basire et al. | |
| | | US- 4,354,204 | 10-12-1982 | Kimura | |
| | | US- 4,748,509 | 05-31-1988 | Otake et al. | |
| | | US- 5,093,716 | 03-03-1992 | Kondo et al. | |
| | | US- 5,475,429 | 12-12-1995 | Kodama | |
| | | US- 5,541,655 | 07-30-1996 | Kaneda | |
| | | US- 5,557,689 | 09-17-1996 | Huttenlocher et al. | |
| | | US- 5,926,212 | 07-20-1999 | Kondo | |
| | | US- 5,982,941 | 11-09-1999 | Loveridge et al. | |
| | | US- 6,018,363 | 01-25-2000 | Horii | |
| | | US- 6,035,073 | 03-07-2000 | Kaup | |
| | | US- 6,181,378 B1 | 01-30-2001 | Horie et al. | |
| | | US- 6,192,161 B1 | 02-20-2001 | Kondo et al. | |
| | | US- 6,326,998 B1 | 12-04-2001 | Palum | |
| | | US- 6,344,640 B1 | 02-05-2002 | Rhoads | |
| | | US- 6,381,357 B1 | 04-30-2002 | Tan et al. | |
| | | US- 6,700,667 B2 | 03-02-2004 | Nishi | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Number Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|--|--------------------------------|--|---|----------------|
| | | JP 04221748 A | 08-12-1992 | Iwaki Electron Ltd. | | |
| | | EP 1 157 544 (WO 00/51341) | 02-04-2000 | Inter Corporation | | |
| | | EP 1 188 309 (WO 00/72584 A1) | 11-30-2000 | Foveon, Inc. | | |
| | | EP 1 478 169 A2 | 11-17-2004 | Nikon Corporation | | |
| | | EP 1 507 157 A2 | 02-16-2005 | Canon Kabushiki Kaisha | | |
| | | WO 2005/041558 A1 | 05-06-2005 | FotoNation Vision Limited | | |

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| Examiner Signature | | Date Considered |
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| | | US- 6,733,136 B2 | 05-11-2004 | Lantz et al. | |
| | | US- 6,829,008 B1 | 12-07-2004 | Kondo et al. | |
| | | US- 6,842,196 B1 | 01-11-2005 | Swift et al. | |
| | | US- 6,919,892 B1 | 07-19-2005 | Cheiky et al. | |
| | | US- 6,933,978 B1 | 08-23-2005 | Suda | |
| | | US- 6,940,545 B1 | 09-06-2005 | Ray et al. | |
| | | US- 7,020,350 B2 | 03-28-2006 | Sakai et al. | |
| | | US- 7,058,294 B2 | 06-06-2006 | Nakahara | |
| | | US- 7,206,461 B2 | 04-17-2007 | Steinberg et al. | |
| | | US- 2002/0158977 A1 | 10-31-2002 | Hamilton | |
| | | US- 2003/0025802 A1 | 02-06-2003 | Mayer, Jr., et al. | |
| | | US- 2003/0098922 A1 | 05-29-2003 | Barkan | |
| | | US- 2003/0174902 A1 | 09-18-2003 | Barkan | |
| | | US- 2004/0201709 A1 | 10-14-2004 | McIntyre et al. | |
| | | US- 2005/0068445 A1 | 03-31-2005 | Steinberg et al. | |
| | | US- 2005/0068446 A1 | 03-31-2005 | Steinberg et al. | |
| | | US- 2005/0068447 A1 | 03-31-2005 | Steinberg et al. | |
| | | US- 2005/0068448 A1 | 03-31-2005 | Steinberg et al. | |
| | | US- 2005/0068449 A1 | 03-31-2005 | Steinberg et al. | |
| | | US- 2005/0068450 A1 | 03-31-2005 | Steinberg et al. | |
| | | US- 2005/0068451 A1 | 03-31-2005 | Steinberg et al. | |
| | | US- 2005/0078173 A1 | 04-15-2005 | Steinberg et al. | |
| | | US- 2005/0068452 A1 | 03-31-2005 | Steinberg et al. | |
| | | US- 2006/0221227 A1 | 10-05-2006 | Chang | |
| | | US- 2007/0122056 A1 | 05-31-2007 | Steinberg et al. | |

FOREIGN PATENT DOCUMENTS

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NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------|-----------------------|---|----------------|
| | | DOIGNON, C.; CORTELAZZO, G.; FREZZA, R., "A robust camera calibration technique for high resolution image acquisition", Proceedings of the European Conference on Multimedia Applications, Services and Techniques, 28-30 May 1996, Louvain la Neuve, Belgium. vol.1, Page: 267-78. | |
| | | R DOMÖNGUEZ-CASTRO, S ESPEJO, A RODRÖGUEZ, "A Programmable Mixed-Signal Focal-Plane Array Processor with On-Chip Binary Imaging and Instructions Storage", IEEE Journal of Solid-State Circuits, Vol. 32, no. 7, July 1997. http://citeseer.ist.psu.edu/280486.html | |
| | | FORCHHEIMER, R. ASTROM, A., "Near-sensor image processing: a new paradigm", IEEE Transactions on Image Processing, Nov 1994, Volume: 3, Issue: 6, pp. 736-746. ISSN: 1057-7149. Digital Object Identifier: 10.1109/83.336244. http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=336244 | |
| | | S. MANN, R.W. PICARD, "On Being 'Undigital' With Digital Cameras: Extending dynamic Range by Combining Differently Exposed Pictures", p. 7 pages. http://www.eyetap.org/wearcomp/is_t95_myversion.ps.gz | |
| | | PCT Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration, for PCT/EP2004/010199 | |
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